

NCHRP

REPORT 544

**NATIONAL
COOPERATIVE
HIGHWAY
RESEARCH
PROGRAM**

Environmentally Sensitive Channel- and Bank-Protection Measures

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OF THE NATIONAL ACADEMIES

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**Environmentally Sensitive
Channel- and Bank-Protection
Measures**

JOHN McCULLAH

AND

DONALD GRAY

Salix Applied Earthcare
Redding, CA

SUBJECT AREAS

Energy and Environment • Bridges, Other Structures, Hydraulics and Hydrology • Soils, Geology, and Foundations

Research Sponsored by the American Association of State Highway and Transportation Officials
in Cooperation with the Federal Highway Administration

TRANSPORTATION RESEARCH BOARD

WASHINGTON, D.C.

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